

CLAIMS

1. A retractable-nib writing tool having a retractable writing body in a shaft tube and having a sealing lid and a
5 sealing tube which seal the writing nib of said writing body in association with the forward and backward movements of that writing body, wherein:

said sealing lid and a guide tube fixed to said writing body are linked by a plurality of thin line portions, said
10 sealing lid and thin line portions are formed integrally, and said sealing lid is opened and closed relative to said sealing tube by the forward and backward movements of those thin line portions.

2. The retractable-nib writing tool according to claim 1,
15 wherein said plurality of thin line portions can be bent and deformed.

3. The retractable-nib writing tool according to claim 1, further comprising means of regulating the forward motion of at least one thin line portion out of the plurality of thin
20 line portions which are advanced by the forward motion of said guide tube.

4. The retractable-nib writing tool according to claim 1, wherein at least one thin line portion out of the plurality of thin line portions which are advanced by the forward motion
25 of said guide tube is regulated and other thin line portions can be bent and deformed.

5. The retractable-nib writing tool according to claim 1, wherein at least one thin line portion out of the plurality

of thin line portions which are advanced by the forward motion of said guide tube is loosely inserted into said guide tube and engaging means to engage with that guide tube is provided.

6. The retractable-nib writing tool according to claim 1,
5 wherein both the sealing force between said sealing lid and said sealing tube and the sealing force between said writing nib and said sealing tube are set to 50 to 100 kPa.

7. The retractable-nib writing tool according to claim 1,
10 wherein at least either one of said sealing lid and said sealing tube is composed of a material whose water vapor transmissivity prescribed under ASTM F 1249 is not more than 3.0 (g. mm/m².day) under the condition of 37.8°C (90% RH).

8. A retractable-nib writing tool having a retractable writing body in a shaft tube and having a sealing lid and a
15 sealing tube which seal the writing nib of said writing body in association with the forward and backward movements of that writing body, wherein:

said sealing tube is fixed within said shaft tube, said sealing lid and a guide tube are arranged respectively ahead
20 of and behind this sealing tube to fix said guide tube to said writing body and said guide tube and said sealing lid are linked with a plurality of flexible thin line portions, so configured that,

while an opening at the forward end of said sealing tube
25 is closed as said plurality of thin line portions keep said sealing lid in a state of being pressed against said sealing tube when said writing body is in a retracted position, said sealing lid turns to open the opening at the forward end of

said sealing tube as the forward movement of any of said plurality of thin line portions relative to said sealing tube is restricted and those of the rest of the thin line portions are permitted when said writing body is to move forward.

5 9. The retractable-nib writing tool according to claim 8, wherein, out of said plurality of thin line portions, the thin line portion whose forward movement is to be regulated is provided with a bulged portion, and the outer circumferential part of said sealing tube is provided with engaging step
10 portions to engage with said bulged portion when said writing body moves forward.

10. The retractable-nib writing tool according to claim 8, wherein said sealing lid and said thin line portions are integrally formed.

15 11. The retractable-nib writing tool according to claim 8, wherein a springy member intervenes between said sealing tube and said guide tube and, when said writing body is in a retracted position, said plurality of thin line portions keep said sealing lid in a state of being pressed against said sealing
20 tube by the urging of said springy member.

12. The retractable-nib writing tool according to claim 11, wherein said plurality of thin line portions are arranged between said guide tube and said sealing lid so that, when said writing body is in the retracted position, the direction
25 of the force working from said plurality of thin line portions on said sealing lid is identical with the axial direction of said shaft tube.

13. The retractable-nib writing tool according to claim 8,
wherein said plurality of thin line portions are arranged along
the inner circumferential face of said shaft tube and a
lubricant is applied to the surfaces of said plurality of thin
5 line portions.

14. The retractable-nib writing tool according to claim 8,
characterized in that a plurality of reduced-diameter portions
are provided in said thin line portions and said thin line
portions can be bent in said reduced-diameter portions.

10 15. The retractable-nib writing tool according to claim 8,
wherein the tips of said plurality of thin line portions are
arranged at equal intervals along the outer circumferential
part of said sealing lid.

16. The retractable-nib writing tool according to claim 8,
15 wherein a soft member is disposed in a position where said
sealing lid is opposite said sealing tube.